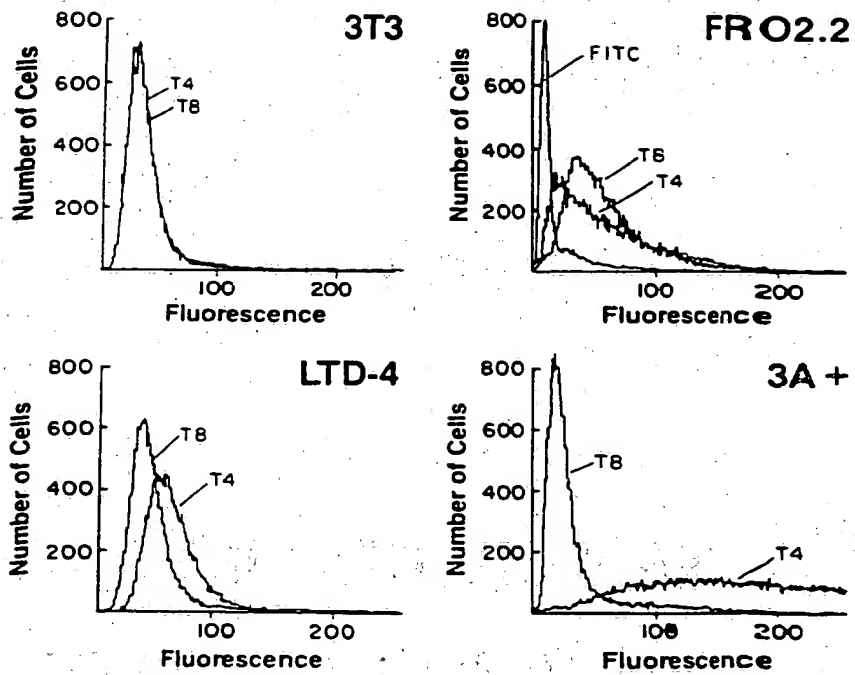




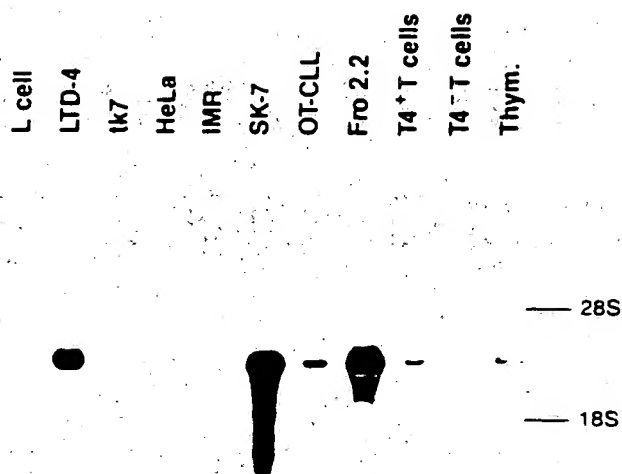
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Figure 1



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Figure 2



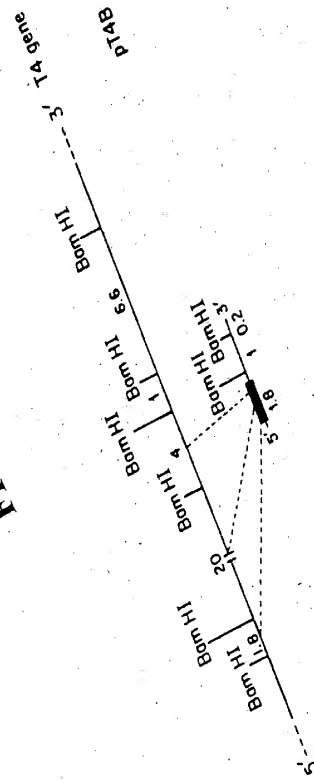


FIGURE 3A

FIGURE 3B

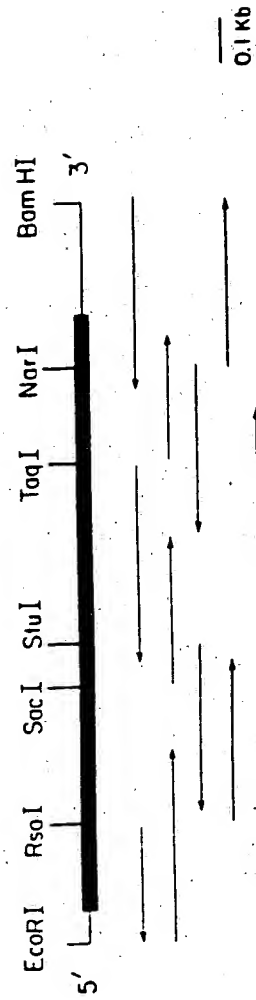
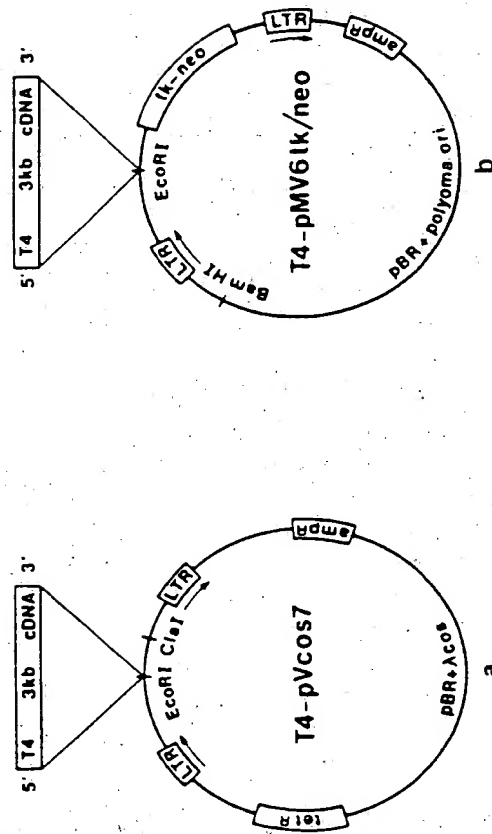
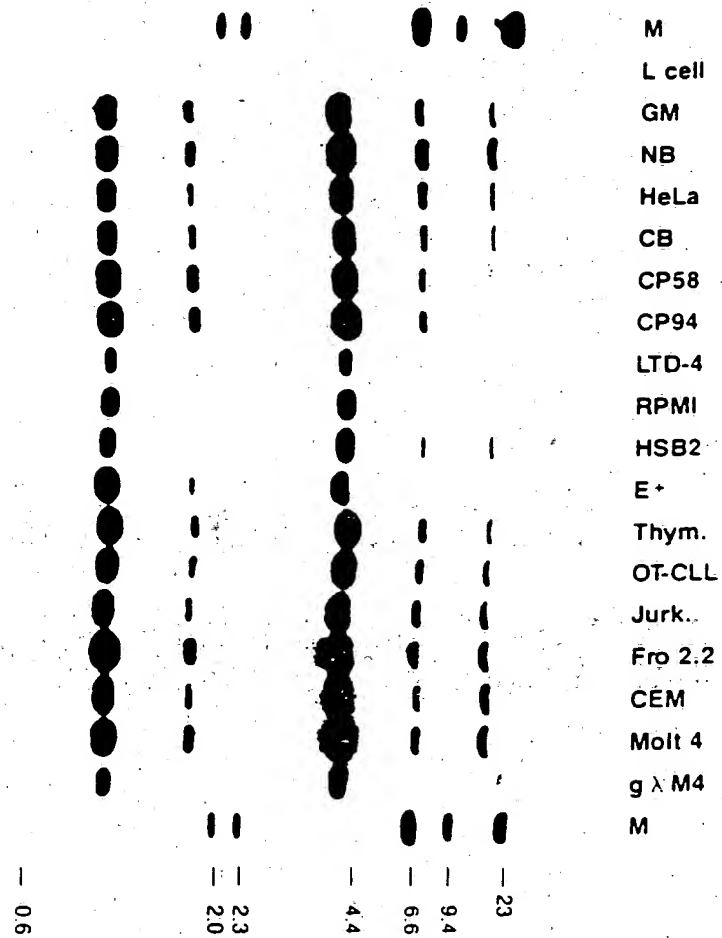


FIGURE 3C



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Figure 4



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Figure 5

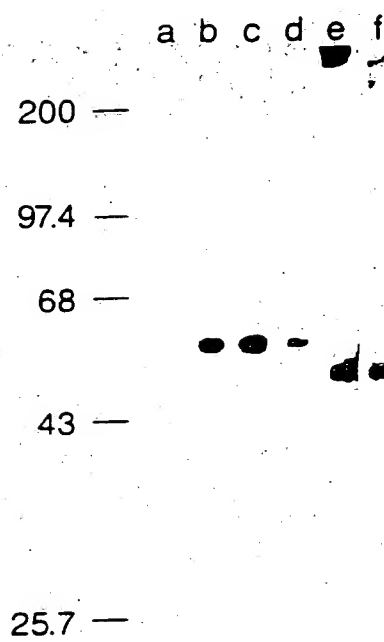


FIGURE 6A

[illegible]

FIGURE 6B

+230	lle thr phe asp leu lys asn lys glu val ser lys arg val thr gln asp pro lys leu gln met gly lys lys leu pro leu his ATC ACC TTT GAC CTC AGG AAC AGA GAA GTG TGT GTA AAA CCG GTT ACC GAG CAC CCT ANG CTC CAG ATC CCC AAG AAC CTC CCG CTC CAC 918
+240	CHD
+250	V3
+260	leu thr pro gln ala leu pro gln tyr ala gly ser gly asn leu thr leu ala leu glu ala lys thr gly lys leu his gln glu CTC ACC CTC CCC CAG CCG CTG CCT TTG CCT CAG TAG TCT GTC CCT TCT CCA AAC CTC ACC CTC CTT GAA CCG AAA ACA GGA ATT CAT CAG GAA 1008
+270	J3
+280	CHO
+290	val asn leu val val met arg ala thr gln leu gln lys asn leu thr cys glu val trp gly pro thr ser pro lys leu met leu ser GTC AAC CTC CTC GTG ATC ATC CCA ACA CCC ACT CAG CTC CAG AAC AAT TTC ACC TGT CAG GTG TGG CCA ACC ACC TCC CCT ANG CTC ATC CTC ACC 1098
+300	J4
+310	CHO
+320	leu lys leu glu asn lys glu ala lys val ser lys arg glu lys ala val trp val leu asn pro glu ala gly met trp gln cys leu TTC AAA CTC CAG AAC AGA CAG CCA ANG CTC TGG ANG CCG CAG AGC CCG GTG TGG CTC CAC CCT CAG CCC CGC ATC TGG CAG TGT CTC 1188
+330	J4
+340	V4
+350	leu ser asp ser gly gln val leu leu glu ser asn lle lys val leu pro thr trp ser thr pro val gln pro met ala leu lle val CTC AGT CAC TGG CCA CAG CTC CTC CTC GAA TTC AAC ATC AAC GTT CTT CCC ACA TGG TCC ACC CCG GTG CAG CCA ATC CTC CCT ATT CTC 1278
+360	J4
+370	V4
+380	leu gly gly val ala gly leu leu leu phe lle gly leu gly lle phe phe cys val arg cys arg his arg arg arg gln ala glu arg CTC CCG CCC GTC CCC CCC CTC CTC CTT TTC ATT CCC GTA CCC ATC TTC TGT CTC ACC TGC CCG CAC CCA ACC CCC CAA CCA CAG CCG 1368
+390	J4
+400	CVT
+410	met ser gln lle lys arg leu leu ser glu lys lys thr cys gln cys pro his arg phe gln lys thr cys ser pro lle --- ATG TGT CAG ATC AAG AQA CTC CTC AGT CAG AAG AAC ACC TGC CAG TGC CCT CAC CCG TTT CAG AAC ACA TGT ACC CCT ATT TGA CCGCCA 1459
+420	J4
+430	CVT
+440	TM

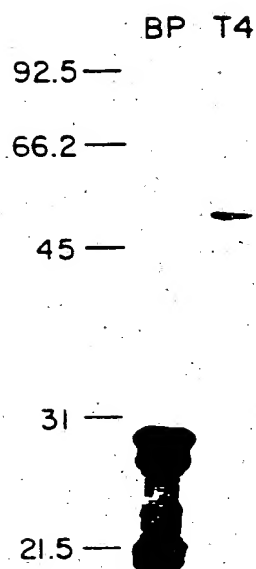
(continued from page 6)

[illegible]

CTCATATTTCTCTGACCCCTTCCCCTCCTCAATTTCAGATOC 1742

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Figure 7



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Figure 8

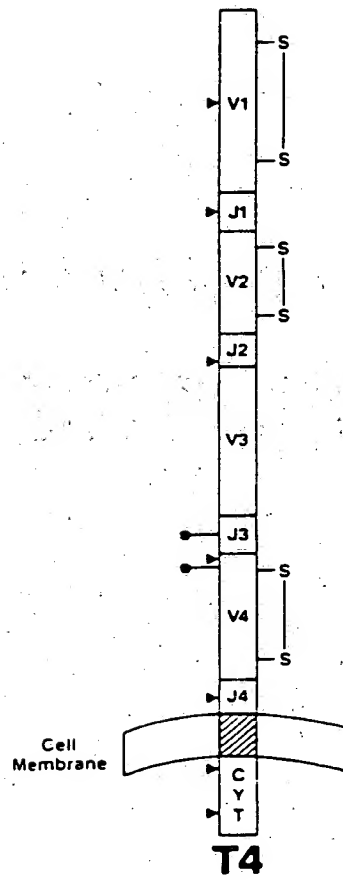


FIGURE 9A

T4	10	20	30	40	50
V-loop	--G N K V V--	L G K K--	G D I V E L T C T A S Q K K--	S I O P H M K N S N O I R I L G N O G S F L T K G P	
Inv.	D V O M I O S P S S L S A S L	C D I V T R T C C O A S Q G--	T S I N L M M F O O K P C K A P K--	--L L I Y G A	
T8	--S Q F R V S P L D R T W N L	C E I T V E L M C O V L L S N P T S G C S M L F O P R G A A A S P T--	F L L Y L S		
YT35	D A G V I O S P R H E V T E M	G O E V T L R C K P I S C--	H N S L F M Y R O T M M R C L E--	F L I Y P N	
HPB-GLA	--O K V T O A O T E I S V V E K E D V T L D C V Y E T R D T T Y Y L F M Y K O P P S G E L V--	F L I I R R N			
	A	B	C	C'	
T4	60	70	80	90	
V-loop	S K L--	N D R A D S R R S L M D O G N F--	P L I I K N L K I E D S D T T I C E V E D Q K E E--		
Inv.	S I L E--	D--G V P S--	M F S G S R Y G T D--	F--T L T I T S S L E D E D M A T Y F C L O M S Y L P Y--	
T8	Q N K P K A E--	G L D T Q R F S G K R--	L G D T--	F--V L T L S D F R R E N E G Y Y F C S A L S N S I M--	
YT35	N N V P I D D--	S G M P E D R F S A K M P N--	A S--F S T L K I O P S E P R D S A V Y F C I A S S F S T C S A M		
HPB-GLA	S F D E O N E I S G--	--B Y S N F O K--	S T S G F--	N T I I T A S O V V D S A V Y F C A L D S S A S K--	
	D	E	F	G	

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Figure 9B

	100
T4 J	L V F G L - T A N S D T H
Consensus JB	L Y F G E G T R L T V L -
Consensus JA	W V F G G G T K V T V L G
Consensus JK	- T F G G G T K L E I K R
HPB-PLT α J	I I F G S G T R L S I R -

FIGURE 9C

T4
MC cl.11.8

370	ST	PV	Q	P	M	L	I	V	L	G	G	V	A	G	L	L	L	F	I	G	L	G	I	F	F	C	V	R	
	ST	S	A	Q	N	K	M	L	S	C	V	G	G	F	V	L	G	L	L	F	L	G	L	G	L	E	I	Y	F

380 390

TM

FIGURE 10

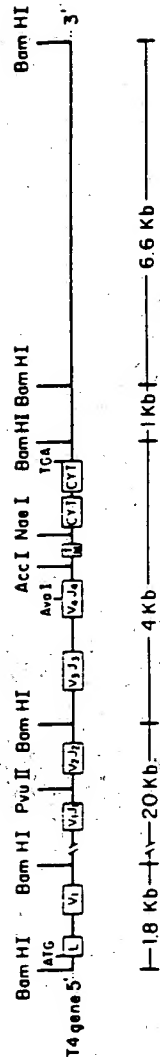


FIGURE 11A

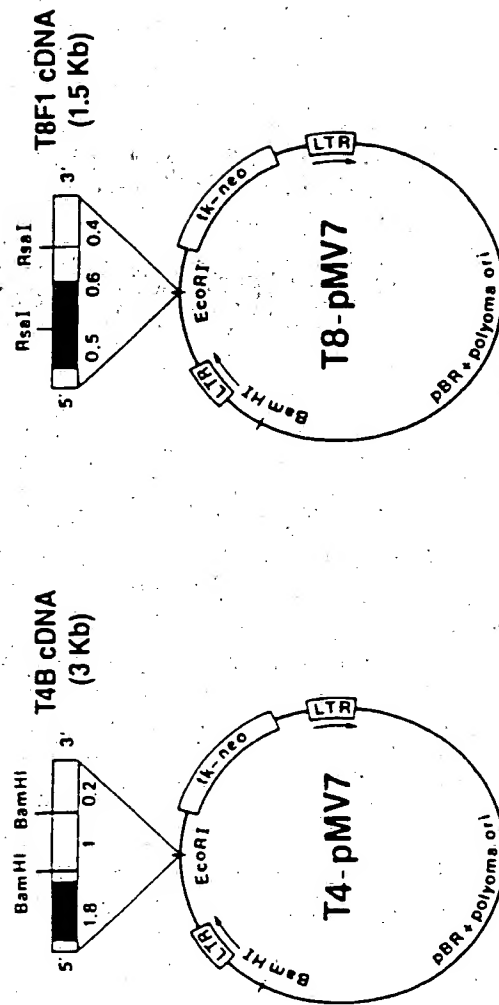
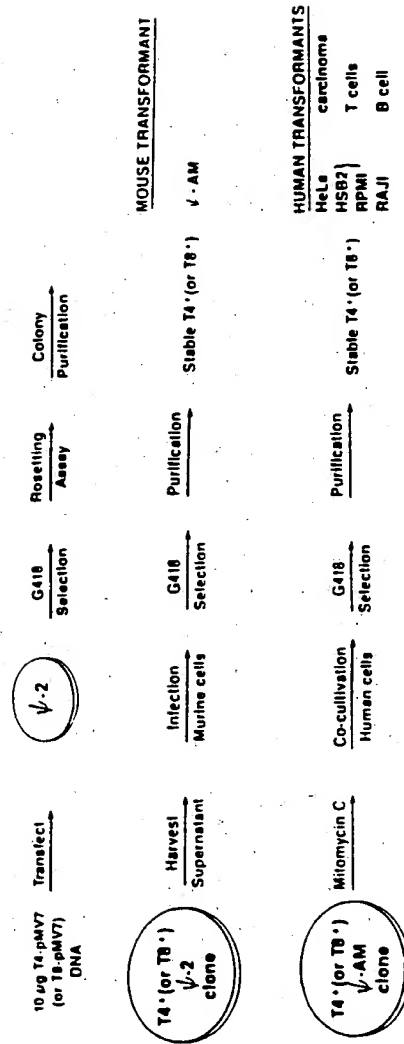
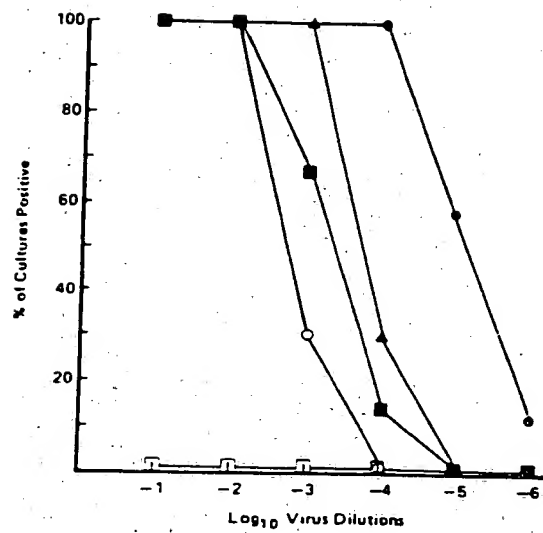


FIGURE 11B



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Figure 12



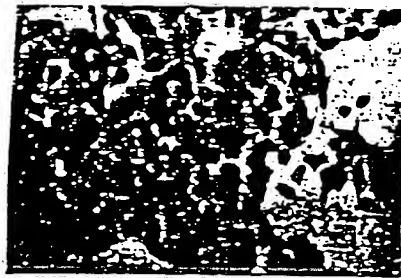
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Figure 13A



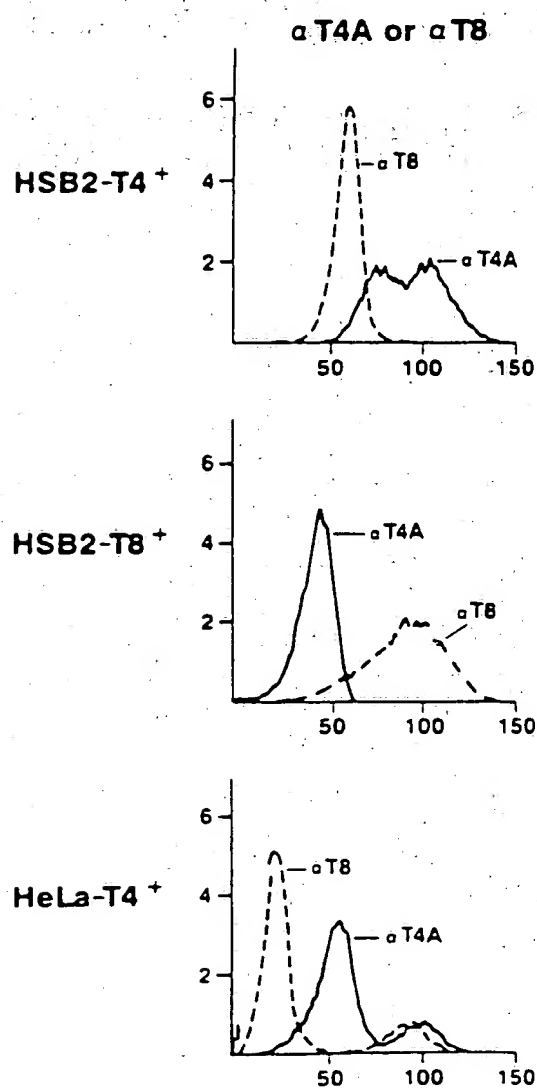
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Figure 13B



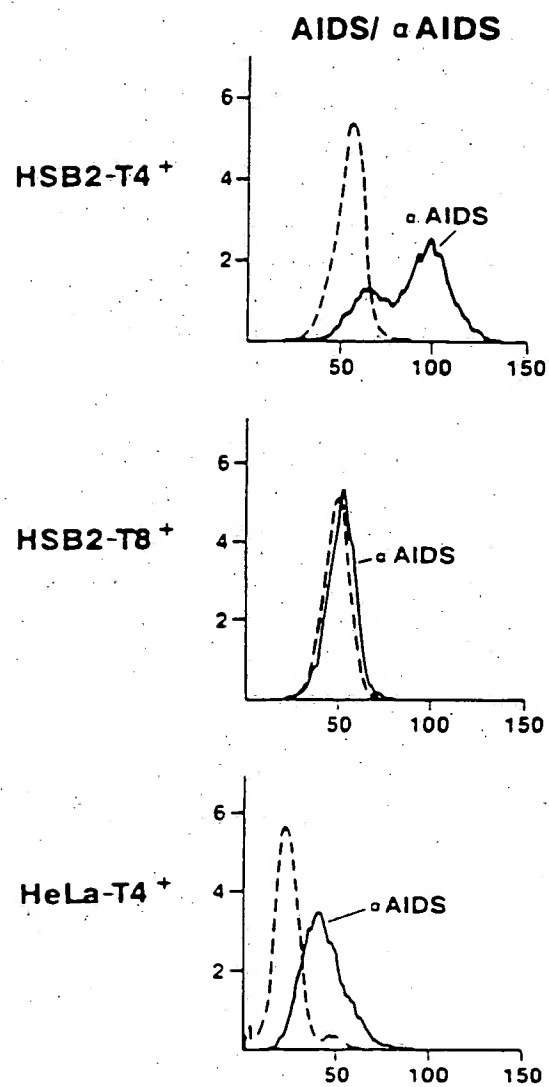
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Figure 14A



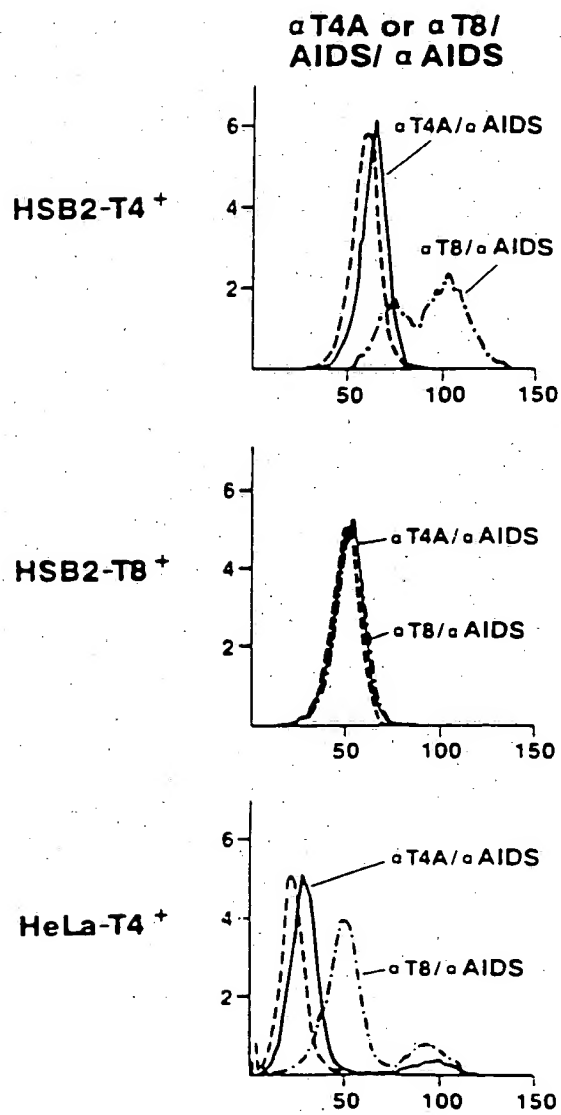
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Figure 14B



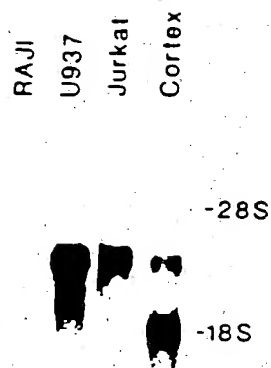
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Figure 14C



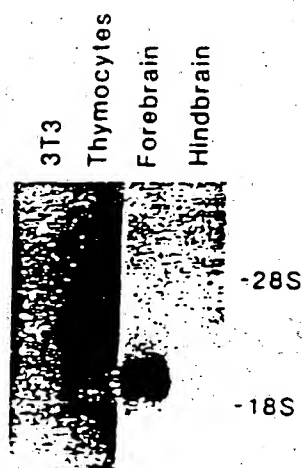
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Figure 15A



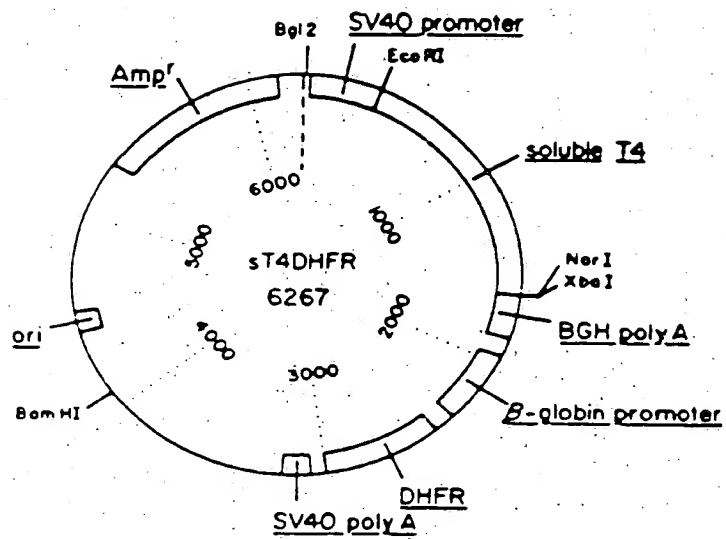
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Figure 15B



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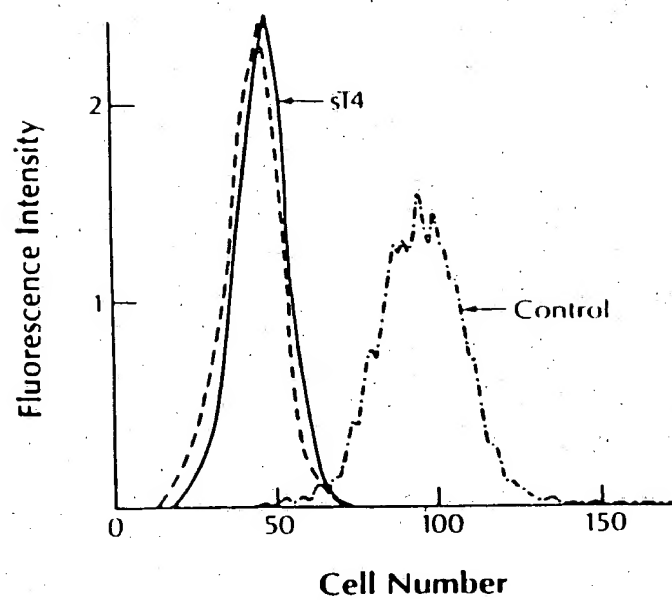
Figure 16



T4 + 370
 — thr pro val gln pro met ala leu —
 — ACC CCG GTC CAG CCA ATG GCC CTG —

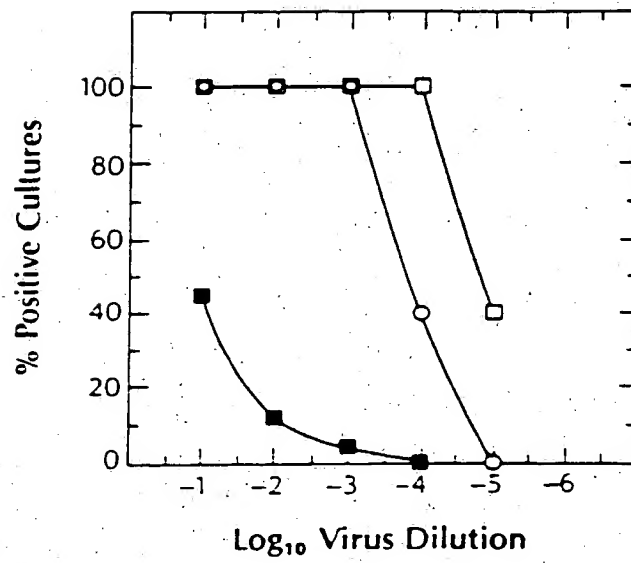
sT4
 — thr pro val ser —
 — ACC CCG GTG TAA TGGCGCCTCTACA —
 HpaII NarI XbaI

FIGURE 17



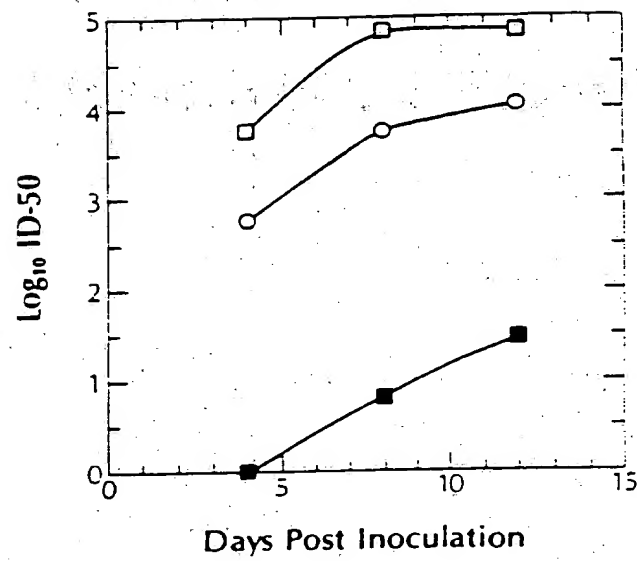
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Figure 18A



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Figure 18B



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Figure 18C

